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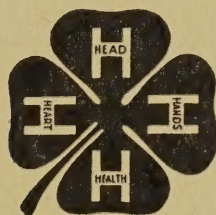
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EXTENSION SERVICE  
OF THE  
ALABAMA POLYTECHNIC INSTITUTE  
AND U. S. DEPARTMENT OF AGRICULTURE,  
COOPERATING

P. O. DAVIS, Director

(May, 1943)

4-H RECORD BOOK  
for  
NEGRO BOYS



Name ..... Age .....

Address .....

Date ..... 194.....

Number of Years in Club Work .....

Name of Your 4-H Club .....

Name of Your Local Leader .....

Kind of Project .....

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## CLUB MOTTO

"To Make The Best Better"

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## CLUB PLEDGE

I Pledge

My head to clearer thinking,

My heart to greater loyalty,

My hands to larger service,

My health to better living

for

My Club, My Community, and My Country.

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## CLUB COLORS

"Green and White"

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Name of Club \_\_\_\_\_

Officers of Club:

President \_\_\_\_\_

Vice-President \_\_\_\_\_

Secretary-Treasurer \_\_\_\_\_

Song Leader \_\_\_\_\_

Local Leader \_\_\_\_\_

Time of Meeting \_\_\_\_\_

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WORK DONE AT CLUB MEETINGS

Demonstration \_\_\_\_\_

Date \_\_\_\_\_

Demonstration by:

Agent \_\_\_\_\_

Leader \_\_\_\_\_

Club Member \_\_\_\_\_

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Points to be Remembered:

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## WORK DONE AT CLUB MEETINGS

Demonstration \_\_\_\_\_

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Demonstration by:

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Leader \_\_\_\_\_

Club Member \_\_\_\_\_

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Points to be Remembered:

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Date \_\_\_\_\_

Demonstration by:

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Leader \_\_\_\_\_

Club Member \_\_\_\_\_

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Points to be Remembered:

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Demonstration \_\_\_\_\_

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Demonstration by:

Agent \_\_\_\_\_

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Club Member \_\_\_\_\_

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Points to be Remembered:

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Points to be Remembered:

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## WORK DONE AT CLUB MEETINGS

## Demonstration

Date \_\_\_\_\_

Demonstration by:

Agent \_\_\_\_\_

Leader \_\_\_\_\_

Club Member \_\_\_\_\_

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### Points to be Remembered:

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## WORK DONE AT CLUB MEETINGS

Demonstration \_\_\_\_\_

Date \_\_\_\_\_

Demonstration by:

Agent \_\_\_\_\_

Leader \_\_\_\_\_

Club Member \_\_\_\_\_

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Points to be Remembered:

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# FINANCIAL STATEMENT FOR SWINE, COLT, SHEEP AND BEEF CALF PROJECTS

Expenses				Receipts		
Number of Animals at Beginning _____ Value \$ _____				Number of Animals Sold _____		
FEED COST  By Months (Charge market value for all feed used)	Nov.	\$ _____	_____	Value of Animals Sold _____ \$ _____		
	Dec.	_____	_____	Value of Animal Products Sold _____ \$ _____		
	Jan.	_____	_____	Service Fees Collected _____ \$ _____		
	Feb.	_____	_____	Number of Animals on Hand _____		
	Mar.	_____	_____	Value of Animals on Hand _____ \$ _____		
	April	_____	_____	Total Receipts _____ \$ _____		
	May	_____	_____	Less Total Expenses _____ \$ _____		
	June	_____	_____	Profit or Loss _____ \$ _____		
	July	_____	_____			
	Aug.	_____	_____			
Sept.	_____	_____				
Oct.	_____	_____				
Total cost of Feed _____						
Other Expenses _____						
Total Expenses _____						

Breed of animal \_\_\_\_\_ Sex \_\_\_\_\_

Number of animals \_\_\_\_\_ Number of animals registered \_\_\_\_\_

Date record started \_\_\_\_\_ Age of animal at that time \_\_\_\_\_

Weight of animal when record was started \_\_\_\_\_ Weight when record was closed \_\_\_\_\_

Date record was closed \_\_\_\_\_

What kind of pasture did you have? \_\_\_\_\_

Did you plant a grazing crop? \_\_\_\_\_ If so, what kind? \_\_\_\_\_

In a few words tell what you think would have made your project better than it was.

## PLAN FOR FEEDING BEEF CALVES

Start suckling calf on grain when 3 to 4 weeks old.	After calf is about a month old keep in good grass lot with shade and shelter and plenty of pure fresh water. Allow to nurse twice daily. Begin feeding coarsely ground corn and oats, equal parts, or three parts of corn and one part of cottonseed meal.
3rd and 4th month	Nurse twice daily. Feed all the grain the calf will clean up in day. Shelled corn or coarsely ground corn four parts, and oats one part, by weight is a good grain mixture. Cottonseed meal or velvet beans can replace oats. Keep good quality legume hay before calf at all times.
5th and 6th month calf should weigh 350 to 450 lbs.	Nurse twice daily. Feed all the grain it will eat. Six parts of shelled or ground corn and one part of cottonseed meal by weight is a good mixture to use. Oats may replace one quarter of the corn, if available. Keep legume hay before calf at all times.
6th month to time calf is finished.	Calf may be weaned if on full grain feed. Continue feeding all the grain calf will clean up. Coarsely ground corn eight parts, and cottonseed meal one part, by weight, can be used. Oats may replace one fourth the corn if available. Velvet beans can be used to replace part of the cottonseed meal. Two and one-half pounds of velvet beans in pod are equal to a pound of cottonseed meal. Peanut meal can be substituted pound for pound for cottonseed meal. <i>Use Home Grown Feeds.</i> It will take 180 to 200 days to finish a calf that weighs around 400 pounds when started on feed.

## SHEEP MANAGEMENT CALENDAR

**JULY**—Drench ewes and rams. (See Sheep Section in Alabama Handbook of Agriculture.) Flush ewes by putting on a good pasture. Turn buck in with ewes July 15. If ewes are slow to breed, feed 1½ pounds of grain per day per head.

**AUGUST**—Drench ewes and rams. Breeding should be completed this month and rams removed from the flock.

**SEPTEMBER**—Drench ewes and rams. As soon as crops are gathered allow sheep to glean fields. Sow some small grain for winter grazing.

**OCTOBER**—Drench ewes and rams. Allow sheep to continue to glean fields as crops are gathered.

**NOVEMBER**—If ewes are thin feed ¼ pound of cottonseed meal per head per day.

**DECEMBER**—Make preparations for lambing. If possible, turn ewes on small grain or clover pasture. Watch for twin lambs and be sure ewe mothers both lambs. If ewes begin to get thin and do not give sufficient milk, feed ¼ pound of cottonseed meal and ½ pound of grain per day each. Dock and castrate lambs when two weeks old.

**JANUARY**—Same as December.

**FEBRUARY**—If lambs are not staying fat, start creep feeding them with a little grain.

**MARCH**—Same as February.

**APRIL**—Shear sheep and sell wool.

**MAY**—Sell lambs and turn ewes into dry lot to dry up. Drench ewes, bucks and ewe lambs kept for replacements.

**JUNE**—Same as May.



# FINANCIAL STATEMENT FOR DAIRY ANIMAL PROJECTS

Expenses				Receipts		
Number of Animals at Beginning _____			Value \$ _____	Number of Animals Sold _____		
FEED COST  By Months (Charge market value for all feed used)	Nov.	\$ _____	_____	Value of Animals Sold _____ \$ _____		
	Dec.	_____	_____	Value of Animal Products Sold _____ \$ _____		
	Jan.	_____	_____	Service Fees Collected _____ \$ _____		
	Feb.	_____	_____	Number of Animals on Hand _____		
	Mar.	_____	_____	Value of Animals on Hand _____ \$ _____		
	April	_____	_____	Total Receipts _____ \$ _____		
	May	_____	_____	Less Total Expenses _____ \$ _____		
	June	_____	_____	Profit or Loss _____ \$ _____		
	July	_____	_____			
	Aug.	_____	_____			
Sept.	_____	_____				
Oct.	_____	_____				
Total cost of Feed _____			_____			
Other Expenses _____			_____			
Total Expenses _____			_____			

Breed of animal \_\_\_\_\_ Sex \_\_\_\_\_

Number of animals \_\_\_\_\_ Number of animals registered \_\_\_\_\_

Date record started \_\_\_\_\_ Closed \_\_\_\_\_ Age of animal at that time \_\_\_\_\_

Weight of animal when record was started \_\_\_\_\_ Weight when record was closed \_\_\_\_\_

Date record was closed \_\_\_\_\_

What kind of pasture did you have? \_\_\_\_\_

Did you plant a grazing crop? \_\_\_\_\_ If so, what kind? \_\_\_\_\_

In a few words tell what you think would have made your project better than it was.

## DAIRY PRODUCTION RECORD

Name of Cow \_\_\_\_\_ Registration Number \_\_\_\_\_

Date of Birth of Cow \_\_\_\_\_ Date of Freshening \_\_\_\_\_

Date	Year	Lbs. Milk	Test	Lbs. Butter Fat	Remarks
Jan.					
Feb.					
Mar.					
Apr.					
May					
June					
July					
Aug.					
Sept.					
Oct.					
Nov.					
Dec.					
Total					

### INSTRUCTIONS ON KEEPING MILK RECORDS

1. Weigh milk (morning and night) one day each month and multiply this amount by the number of days in the month to get monthly production.
2. During the months the cow freshens or is turned dry use only the number of days the cow is in milk.
3. Butterfat tests should be run every other month. A sample of night and morning milk should be mixed and used for this work.
4. The total amount of milk multiplied by the butterfat test gives the amount of butterfat produced.
5. Under "Remarks" insert the date the cow is bred, day of month milk weights are taken, etc.

### PLAN FOR FEEDING DAIRY CALVES

1st month Wt. 50-75 lbs.	1. Nurse twice daily or feed whole milk from clean bucket. 2. Feed equal parts of shelled corn and oats after calf is 3 weeks old. 3. Begin feeding legume hay. 4. Keep fresh water and salt before calf.
3rd month 90-125 lbs.	1. Continue to feed whole or skim milk. 2. Change grain to mixture 3 parts corn meal, 1 part ground oats, 1 part cottonseed meal. 3. Continue to feed legume hay. 4. Separate heifers and bull calves.
6th month 225-250 lbs.	1. Wean Calf at 6 months old. 2. Feed 1 lb. grain daily per 100 lbs. live weight. 3. Continue to feed legume hay unless good pasture is available.
18th month 600-625 lbs.	1. Breed heifer to purebred bull. 2. Continue to feed grain mixture. 3. Continue to feed legume hay unless good pasture is available.

### PLAN FOR FEEDING MILK COW

1. Start feeding fresh cow 3 lbs. grain on 3rd day after calving and increase  $\frac{1}{2}$  lb. daily as long as milk production increases.
2. After cow is on full feed give her 1 lb. grain for each  $2\frac{1}{2}$ -3 lbs. milk produced.
3. Feed all the legume hay the cow will clean up unless good pasture is available.
4. Give the cow a rest period of 60 days between lactation periods.
5. Save your heifer calves and you will soon develop a herd of dairy cows.

# POULTRY RECORD

Expenses				Receipts		
Number of Chickens on Hand at Beginning of Record _____				Money Received for Broilers, Fryers, Hens, Roosters, and Eggs Sold (If used at home, enter at market value.)		
				Date	Item	Amount
						\$
Cost of Baby Chicks Purchased _____ \$ _____						
Value of Chickens at Beginning _____ \$ _____						
FEED COST By Months (Charge market value for all feed used)	Nov.	\$ _____				
	Dec.	_____				
	Jan.	_____				
	Feb.	_____				
	Mar.	_____				
	April	_____				
	May	_____				
	June	_____				
	July	_____				
	Aug.	_____				
	Sept.	_____				
	Oct.	_____				
				SUMMARY		
Total Cost of Feed _____ \$ _____				Total Receipts _____ \$ _____		
				Number of Chickens on Hand at End _____		
Other Expenses _____ \$ _____				Value of Chickens on Hand _____ \$ _____		
				Total Receipts Plus Value of Chickens on Hand _____ \$ _____		
Total Expenses _____ \$ _____				Total Expense _____ \$ _____		
				Profit or Loss _____ \$ _____		



DAILY EGG RECORD

	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
1												
2												
3												
4												
5												
6												
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24												
25												
26												
27												
28												
29												
30												
31												
Total												

## FINANCIAL STATEMENT FOR CROP PROJECTS

Expenses			Receipts		
Land Rent, per acre ___ \$5.00	\$		Kind of Crop* _____		
Cost of Seed _____	\$		Number of Acres _____		
Cost of Fertilizer _____	\$		Yield _____		
Value of Manure Used _____	\$		Market Value of Crop _____	\$	
Other Expenses _____	\$		Less Total Expenses _____	\$	
Total Expenses _____	\$		Profit or Loss _____	\$	

\*For keeping records when more than one crop is grown (for example, in garden and truck projects) use space for notes on opposite page.

### ANSWER THE FOLLOWING QUESTIONS

1. Fill in the amount of fertilizer used per acre

A. If mixed at home—

Acid phosphate \_\_\_\_\_ Pounds

Nitrate of soda \_\_\_\_\_ Pounds

Muriate of potash \_\_\_\_\_ Pounds

B. If bought ready-mixed—

Amount used per acre \_\_\_\_\_ Pounds

Give analysis (6-8-4, 4-10-7, etc.) \_\_\_\_\_

2. Variety of Seed \_\_\_\_\_

3. Did insects, storms, dry or wet weather injure your crop? \_\_\_\_\_

4. Did you have a winter cover crop on this land last winter? \_\_\_\_\_

5. Will you have a cover crop on it this winter? \_\_\_\_\_

If so, what kind? \_\_\_\_\_

6. Is your project land properly terraced? \_\_\_\_\_

7. List the different kinds of seed that you and your family save each year and do not have to buy \_\_\_\_\_

## 4-H CLUB SOIL CONSERVATION RECORD

### Instructions for Drawing Map:

1. Use drawing paper, size 8½ by 11 or larger size if possible.
2. Use hard lead pencil. A red, wax crayon will also be needed.
3. Draw farm to scale. Scale used will depend upon size of farm and size of paper. Indicate scale used.
4. Number each field, and pasture and woodland area.
5. Consult project requirements in 4-H Club Handbook for additional work to be done on map.

### List Livestock on Farm

### Feed Crops Produced on Farm

Kind	Number	Kind	Acres	Yield

### List Changes That Should Be Made on Your Farm

(See Soil Conservation Outline in 4-H Handbook)

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Which one of these changes did you make this year? \_\_\_\_\_

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What additional soil conservation measures did you carry out? \_\_\_\_\_

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### Record of Materials Used

Kind	Amount	Cost

Total Cost \_\_\_\_\_

**Note:** In writing your story point out the need for soil conservation and better land-use on your farm and what you have done to meet this need. The practices you have carried out should be fully described.



## STORY OF PROJECT

## 4-H FORESTRY RECORD

### Record of Tree Planting

1. Kind of trees \_\_\_\_\_
2. Acres planted \_\_\_\_\_
3. Number of trees planted \_\_\_\_\_
4. Cost of plants \_\_\_\_\_
5. Other expenses \_\_\_\_\_
- Total expenses:                      \$ \_\_\_\_\_
6. Number of trees sold \_\_\_\_\_
7. Value of trees sold:                      \$ \_\_\_\_\_

### Record of Improvement Cutting

1. Check Demonstration Selected:
  - A. Timing pines \_\_\_\_\_
  - B. Improving mixed stands \_\_\_\_\_
  - C. Changing scrubby woods \_\_\_\_\_
2. Acres worked over \_\_\_\_\_
3. Number cords cut \_\_\_\_\_
4. Total value:                                      \$ \_\_\_\_\_
5. Total expenses:                                      \$ \_\_\_\_\_
- Profit in labor income:                                      \$ \_\_\_\_\_
- Number of "crop trees" (trees promising for sawlogs) left after the Improvement Cutting \_\_\_\_\_

If an inter-planting was made, count the planted trees as crop trees.



# **CHART OF PIG FROM BIRTH TO MARKET WITH APPROXIMATE WEIGHTS BY PERIODS**

Wt. 2½ lbs.	8 Weeks	Wt. 26 lbs.	12 Weeks	Wt. 90 lbs.	12 Weeks	Wt. 200 lbs.
	Suckling Period		Growing Period		Fattening Period	

## **Rations for Suckling Period:**

Start pigs to eating cracked or shelled corn as soon as they will eat. Change to ration of corn 1 part, skimmilk 3 parts; or corn 6 parts, shorts 3 parts, tankage 1 part. Give pigs all they will clean up.

## **Rations for Growing Period:**

Continue to feed one of the above rations, using 3 pounds of feed for each 100 pounds of pig. Allow them to run on a good pasture.

## **Rations for Fattening Period:**

Turn pigs on peanuts, corn, soybeans, or a similar feed if available. If feeding in dry lot, use corn 9 parts, tankage 1 part. Feed all they will clean up.

A mixture of equal parts by weight of charcoal, lime, and salt should be kept before pigs at all times.